

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/002955

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F16H61/04 F16H59/16 B60K41/22 G01L1/22
//B60K41/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F16H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 251 043 B1 (GIERLING ARMIN) 26 June 2001 (2001-06-26) column 1, line 5 - line 13 column 2, line 52 - column 3, line 11 column 3, line 58 - line 63	1-22
X	US 4 328 719 A (MANNA ALBERT) 11 May 1982 (1982-05-11)	22
A	the whole document	1
X	DE 871 670 C (E H CARL F W BORGWARD DR ING) 26 March 1953 (1953-03-26) the whole document	22
A	US 3 903 738 A (MALCHOW GREGORY L) 9 September 1975 (1975-09-09) the whole document	1
	----- -/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

14 September 2004

Date of mailing of the international search report

20/09/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

de Beurs, M

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/002955

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 198 35 334 A (TUESCHEN & ZIMMERMANN) 10 February 2000 (2000-02-10) the whole document -----	1
P,A	WO 03/078198 A (HEDSTROEM LARS-GUNNAR ; SCANIA CV ABP (SE)) 25 September 2003 (2003-09-25) the whole document -----	1
A	WO 01/29440 A (PRELOAD INTERNAT LTD ; MARTIN WILLIAM WESLEY (GB)) 26 April 2001 (2001-04-26) the whole document -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2004/002955

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6251043	B1	26-06-2001	DE 19851160 A1	18-05-2000
US 4328719	A	11-05-1982	NONE	
DE 871670	C	26-03-1953	NONE	
US 3903738	A	09-09-1975	NONE	
DE 19835334	A	10-02-2000	DE 19835334 A1	10-02-2000
			AU 5413899 A	28-02-2000
			WO 0008360 A1	17-02-2000
WO 03078198	A	25-09-2003	SE 521538 C2	11-11-2003
			SE 0200829 A	20-09-2003
			WO 03078198 A1	25-09-2003
WO 0129440	A	26-04-2001	AU 7974300 A	30-04-2001
			WO 0129440 A1	26-04-2001